International Application No. PCT/EP03/008569 International Filing Date: 31 July 2003

## **Amendments to the Drawings:**

The attached substitute sheet of drawings includes changes to Figure 4 as originally filed. This substitute sheet replaces the original Figure 4 sheet. In substitute Figure 4, previously omitted SEQ ID NOs. 12 and 13 have been added.

Attachment: Replacement Sheet

**Annotated Sheet Showing Changes** 



## FIGURE 4

35E <i>lgtGF</i>	ATGAAGCTCAAAATAGACATTGCAACCAGCAACTTCAAACACGGCGGCGCACGGAACGCTACACATTGGA ATGAAGCTCAAAATAGACATTGCAACCAACAACTTCAAACACGGCGGCGCACGGAACGCTACACATTGGA
35E <i>lgtGF</i>	${\tt TTTGGTAAAGGGTCTGAACAGACAAAACATCACACCGGCCGTTTATGCGACGAAATTTGATCACGGCATTCTTTGGTAAAGGGTCTGAACAGACAAAACATCACACCGGCCGTTTATGCGACGAAATTTGATCACGGCATTC}$
35E lgtGF	$\tt CTGAATACGCCATGATCGAACCCCATCTTGTCGATCAACACCGGACGCTGAAAAAACTACGCCCATTCCTCCTGAATACGCCCATGATCGAACCCCCATCTTGTCGATCAACACCGGACGCTGAAAAAAACTACGCCCATTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTC$
35E lgtGF	${\tt TTTTCAAGCCGGCTCACTCAAACCAGAAAAAACAGTGCCGCCAAACTGATTGCCTGCC$
35E <i>lgtGF</i>	$\tt CGCCGACCTCCTCATCTGCGGCGCACACACTTGGGCTACCTGCACCATATGGCGCAAAAACCGAACCTGCCGCCGACCTCCTCATCTGCGGCGCACACACTTGGGCTACCTGCACCATATGGCGCAAAAACCGAACCTGCCCTGCACCATATGGCGCAAAAAACCGAACCTGCCCGACCATATGGCGCAAAAAACCGAACCTGCCCTGCACCATATGGCGCAAAAAACCGAACCTGCCCTGCACCATATGGCGCAAAAAACCGAACCTGCCCTGCACCATATGGCGCAAAAAACCGAACCTGCCCTGCACCATATGGCGCAAAAAACCGAACCTGCCCTGCACCATATGGCGCAAAAAACCGAACCTGCCCTGCACCATATGGCGCAAAAAACCGAACCTGCCCTGCACCATATGGCGCAAAAAACCGAACCTGCCCTGCACCATATGGCGCAAAAAACCGAACCTGCCCTGCACCATATGGCGCAAAAAACCGAACCTGCCCTGCACCATATGGCGCAAAAAAACCGAACCTGCCCTGCACCATATGGCGCAAAAAAACCGAACCTGCCATATGGCGCAAAAAAACCGAACCTGCCCTGCACCATATGGCGCAAAAAAACCGAACCTGCCCTGCACCATATGGCGCAAAAAAACCGAACCTGCCCTGCACCATATGGCGCAAAAAAACCCGAACCTGCCACATATGGCGCAAAAAAACCGAACCTGCCACATATGGCACAAAAAAACCGAACCTGCACATATGGCACAAAAAAACCGAACCTGCACATATGGCACAAAAAAAA$
35E <i>lgtGF</i>	${\tt TCGACCGCCTCGCCATACGCCGTAACCGCAGCAACTACGCCACCGCCAAACTGATTATGG}{\tt CGACCGCCTCGCCATACGCCGTAACCGCAGCAACTACGCCACCGCCAAACTGATTATGG}{\tt CGCATACGCCATACGCCAGCAGCAACTACGCCACCGCCAAACTGATTATGG}{\tt CGCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACACATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACGCCATACACATACGCCATACGCCATACACATACAT$
35E <i>lgtGF</i>	${\tt ATGATGCGGTGCGAACTGGTCGGACTGTACGGCGTTCCCCCTGAAAGAATCCAAGTCGCCCCCCCC$
35E lgtGF	$A {\tt GATACGGAACGCTTCTTCCCGCAACCCGGAGAAGCTGCCGACCTGCGCGCCAAATACGGCTTTGCCGACTAGATACGGAACGCTTCTTCCCGCAACCCGGAGAAGCTGCCGACCTGCGCGCCAAATACGGCTTTGCCGACTAGATACGGCTTTGCCGACTAGATACGGCTTTGCCGACTAGATACGGCTTTGCCGACTAGATACGGCTTTGCCGACTAGATACGGCTTTGCCGACTAGATACGGCTTTGCCGACTAGATACGGCTTTGCCGACTAGATACGGCTTTGCCGACTAGATACGGCTTTGCCGACTAGATACGGCTTTGCCGACTAGATACGGCTTTGCCGACTAGATACGGCTTTGCCGACTAGATACGGCTTTGCCGACTAGATACGGCTTTGCCGACTAGATACGGCTTTGCCGACTAGATACGGCTTTGCCGACTAGATACGGCTTTGCCGACTAGATACGGCTTTGCCGACTAGATACGGCTTTGCCGACTAGATACGGCTTTGCCGACTAGATACGGCTTTGCCGACTAGATACGGCTTTGCCGACTAGATACGGCTTTTGCCGACTAGATACGGCTTTTGCCGACTAGATACGGCTTTTGCCGACTAGATACGGCTTTTGCCGACTAGATACGGCTTTTGCCGACTAGATACGGCTTTTGCCGACTAGATACGGCTTTTGCCGACTAGATACGGCTTTTGCCGACTAGATACGGCTTTTGCCGACTAGATACGGCTTTTGCCGACTAGATACGGCTTTTGCCGACTAGATACGGCTTTTGCCGACTAGATACGGCTTTTGCCGACTAGATACGGCTTTTGCCGACTAGATACGGCTTTTGCCGACTAGATACGGCTTTTGCCGACCTAGATACGACTAGATACGGCTTTTGCCGACTAGATACGGCTTTTGCCGACTAGATACGGCTTTTGCCGACCTAGATAGA$
35E 1gtGF	${\tt ATGAAACCGTTTTCCTGTTCCCATCGACCGGCCACACGCGCAAAGGTCTGGAACTGCTTGCCGACTTTTTCATGAAACCGTTTTCCTGTTCCCATCGACCGGCCACACGCGCAAAGGTCTGGAACTGCTTGCCGACTTTTTCATGAAACCGTTTTTCCTGTTCCCATCGACCGGCCACACGCGCAAAGGTCTGGAACTGCTTGCCGACTTTTTCCTGAAACCGTTTTTCCTGAAACTGCTTGCCGACTTTTTCAAAACCGTTTTTCCTGAAACTGCTTGCCGACTTTTTTCAAAACCGTTTTTCCTGAAACTGCTTGCCGACTTTTTTCAAAACCGTTTTTCCTGAAACTGCTTGCCGACTTTTTTCAAAACCGTTTTTCAAAACCGTTTTTCCTGAAACTGCTTGCCGACTTTTTTCAAAACCGTTTTTTCAAAACCGTTTTTCAAAACCGTTTTTTCAAAACCGTTTTTTCAAAACCGTTTTTTCAAAACCGTTTTTTCAAAAACCGTTTTTTCAAAACTGCTTGCAAACTGCTTTTTTCAAAACTGCTTGCAAACTGCTTTTTTCAAAACTGCTTGCAAACTGCTTTTTTCAAAAACCGTTTTTTCAAAAACAAAACAAAACAAAAAAAA$
35E 1gtGF	GAACATACCGGCCTGCCCGTCAAGCTCGCCGTTGTCGGCTC (SEQ ID NO: 13) GAACATACCGGCCTGCCCGTCAAGCTCGCCGTTGTCGGCTC (SEQ ID NO: 14)